

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 01-314723

(43)Date of publication of application : 19.12.1989

(51)Int.Cl.

D01F 6/62

D01F 1/10

D01F 6/92

(21)Application number : 63-146360

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(22)Date of filing : 13.06.1988

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(54) FAR-INFRARED LIGHT IRRADIATING POLYESTER FIBER

(57)Abstract:

PURPOSE: To obtain the subject fiber suitable for wadding cotton, carpet, inner stuff of underwear or winter cloth, etc., containing a specific amount in total of titanium oxide and silica having individually smaller particle diameters than specific value, containing specific range of ratio of titanium oxide and silica and irradiating far-infrared light.

CONSTITUTION: 5-15wt.% in total of titanium oxide (TiO₂) having $\leq 2 \mu\text{m}$, preferably $\leq 1 \mu\text{m}$ average particle diameter and silica (SiO₂) having $\leq 1 \mu\text{m}$, preferably 1-100m μm in a ratio of TiO₂/SiO₂=8/1-1/4, preferably 6/1-5/5 (in weight ratio) are contained in the aimed fiber.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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